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RAW SEQUENCE LISTING DATE: 11/05/2002
PATENT APPLICATION: US/09/629,596D TIME: 15:58:05

#19

Input Set : A:\UGR-100X.ST25.txt
Output Set: N:\CRF4\11052002\I629596D.raw

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3 <110> APPLICANT: Adang, Michael J
4 Kasman, Laura M
6 <120> TITLE OF INVENTION: Phage Display of the Biologically Active Bacillus thuringiensis Toxin
8 <130> FILE REFERENCE: UGR-100X
10 <140> CURRENT APPLICATION NUMBER: US 09/629,596D
11 <141> CURRENT FILING DATE: 2000-07-31
13 <150> PRIOR APPLICATION NUMBER: US 60/146,646
14 <151> PRIOR FILING DATE: 1999-07-30
16 <160> NUMBER OF SEQ ID NOS: 14
18 <170> SOFTWARE: PatentIn version 3.1
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22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
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35 <213> ORGANISM: Artificial Sequence
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38 <223> OTHER INFORMATION: LK02 primer
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68 <210> SEQ ID NO: 5

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Met Asp Asn Asn Pro Asn Ile
1 5
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Figure 1
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<222> LOCATION: (1)..(3)
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<222> LOCATION: (5)..(8)
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```
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144 <220> FEATURE:
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146 <222> LOCATION: (9)..(15)
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153 1               5                   10                  15
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157 <211> LENGTH: 26
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
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from
163       Figure 1
165 <220> FEATURE:
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168 <223> OTHER INFORMATION: N-terminal sequence of synthetic Cry1Ac
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172 <221> NAME/KEY: MISC_FEATURE
173 <222> LOCATION: (9)..(17)
174 <223> OTHER INFORMATION: Junction between synthetic Cry1Ac and cpIII
177 <220> FEATURE:
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179 <222> LOCATION: (18)..(26)
180 <223> OTHER INFORMATION: Portion of cpIII protein
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190             20                  25
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198 <220> FEATURE:
199 <223> OTHER INFORMATION: Protein sequence of WT-fUSE5 from Figure 1
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204 1               5                   10                  15
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208             20                  25                  30
211 Val Glu Ser Cys Leu
212         35
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216 <211> LENGTH: 20
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
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220 <220> FEATURE:
221 <223> OTHER INFORMATION: C-terminal sequence of Cry1Ac-SZ from Figure 1
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225 <222> LOCATION: (1)..(13)
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232 <223> OTHER INFORMATION: C-terminal sequence of Cry1Ac
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238 1 5 10 15
241 Asn Pro Asn Ile
242 20
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247 <212> TYPE: PRT
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251 <223> OTHER INFORMATION: Internal sequence of Cry1Ac-SZ from Figure 1
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254 <221> NAME/KEY: MISC_FEATURE
255 <222> LOCATION: (1)..(12)
256 <223> OTHER INFORMATION: Portion of Cry1Ac protein sequence
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265 <210> SEQ ID NO: 14
266 <211> LENGTH: 20
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial Sequence
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271 <223> OTHER INFORMATION: N-terminal sequence of Cry1Ac-SZ from Figure 1
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274 <221> NAME/KEY: MISC_FEATURE
275 <222> LOCATION: (1)..(4)
276 <223> OTHER INFORMATION: Portion of Cry1Ac protein sequence
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281 <222> LOCATION: (5)..(11)
282 <223> OTHER INFORMATION: Junction between Cry1Ac and cpIII
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286 <221> NAME/KEY: MISC_FEATURE
287 <222> LOCATION: (12)..(20)
288 <223> OTHER INFORMATION: Portion of cpIII protein
291 <400> SEQUENCE: 14
293 Val Ser Asn Leu Ala Ser Gly Gly Gly Gly Ser Pro Phe Val Cys Glu
294 1 5 10 15

297 Tyr Gln Gly Gln
298 20

VERIFICATION SUMMARY DATE: 11/05/2002
PATENT APPLICATION: **US/09/629,596D** TIME: 15:58:06

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